



State of Ohio Environmental Protection Agency

Northeast District Office

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Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

November 12, 2008

RE: TRUMBULL COUNTY
VERNON TOWNSHIP
JOSEPH BADGER SCHOOL
NPDES PERMIT NO. OH0136794
OHIO EPA PERMIT NO. 3PT00122

Mr. David Bair, Superintendent
Joseph Badger Local School District
7119 State Route 7
Kinsman, Ohio 44428

Dear Mr. Bair:

This letter is a follow-up to our meeting and subsequent inspection of the school's wastewater treatment plant on November 5, 2008. A tour of the plant was given by Mr. Gary Shorts. The purpose of the inspection was to evaluate the facility's compliance status with respect to the terms and conditions of the above-referenced National Pollutant Discharge Elimination System (NPDES) permit.

Inspection Findings/Compliance Status

The current 25,000 gpd treatment system consists of an influent pump station, trash trap, flow equalization basin, extended aeration activated sludge "package" plant, chemical addition (phosphorus removal), final settling tank, upflow clarifier, slow surface sand filtration, and UV disinfection system. The facility discharges to a tributary of Pymatuning Creek.

At the time of the inspection, the following observation and comments were noted:

- The mixed liquor content in the aeration tank did not appear to have the normal medium chocolate brown color. This could be indicative of inadequate or poor aeration. The final effluent being discharged appeared to be of satisfactory visual quality.
- The UV disinfection unit appeared to have shorted out at the end of the season. However, no notification was made to Ohio EPA as required by the NPDES permit. Mr. Shorts indicated that he expects to have the unit repaired and in service prior to the 2009 disinfection season.
- The facility continues to experience problems with the effluent flow meter. The NPDES permit requires that flow rate be measured "Continuously". As such, the facility shall ensure that the flow meter is returned to proper operation.

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- Ohio EPA has created a Limited Class A certificate for existing owners/operators of small wastewater treatment systems. The site-specific certification allows individuals with documented operating experience, like Mr. Shorts, to serve as the Operator of Record for the school. Owners/operators meeting the eligibility requirements contained in Ohio Administrative Code (OAC) 3745-7-08 may apply for the certificate by no later than December 21, 2008.
- We understand that the school may request a Permit Modification to reduce the plant design flow, i.e. < 25,000 gpd, based on water-use records.

A review of the facility's Discharge Monitoring Reports (EPA Form 4500) received by Ohio EPA for the period September 2007 through October 2008 indicates violations of the terms and conditions of the NPDES permit. The specific instances of noncompliance are as follows:

Effluent Limitation Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
September 2007	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	8.04	9/1/2007
September 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	13.4	9/1/2007
September 2007	001	Nitrogen, Ammonia (NH3)	30D Qty	0.0947	.21809	9/1/2007
September 2007	001	Nitrogen, Ammonia (NH3)	7D Qty	0.142	.35503	9/1/2007
September 2007	001	Fecal Coliform	30D Conc	1000	2200.	9/1/2007
September 2007	001	Fecal Coliform	7D Conc	2000	2200.	9/1/2007
September 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	2.68	9/15/2007
October 2007	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	4.235	10/1/2007
October 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	6.7	10/1/2007
October 2007	001	Nitrogen, Ammonia (NH3)	30D Qty	0.0947	.12489	10/1/2007
October 2007	001	Nitrogen, Ammonia (NH3)	7D Qty	0.142	.20288	10/1/2007
October 2007	001	Dissolved Oxygen	1D Conc	6.0	5.3	10/2/2007
October 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	1.77	10/15/2007
November 2007	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	3.28667	11/1/2007
November 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	5.21	11/8/2007
December 2007	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	18.55	12/1/2007
December 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	7.85	12/1/2007
December 2007	001	Nitrogen, Ammonia (NH3)	30D Qty	0.284	1.75529	12/1/2007
December 2007	001	Nitrogen, Ammonia (NH3)	7D Qty	0.426	.74281	12/1/2007
December 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	11.4	12/8/2007
December 2007	001	Nitrogen, Ammonia (NH3)	7D Qty	0.426	1.07873	12/8/2007
December 2007	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	36.4	12/15/2007
December 2007	001	Nitrogen, Ammonia (NH3)	7D Qty	0.426	3.44435	12/15/2007
December 2007	001	CBOD 5 day	7D Conc	15	21.	12/22/2007
December 2007	001	CBOD 5 day	7D Qty	1.42	1.98713	12/22/2007
December 2007	001	Total Suspended Solids	7D Conc	18	37.	12/22/2007

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Effluent Limitation Violations						
Reporting Period	Station	Parameter	Limit Type	Limit	Reported Value	Violation Date
December 2007	001	Total Suspended Solids	7D Qty	1.71	3.50113	12/22/2007
January 2008	001	Total Suspended Solids	30D Conc	12	18.75	1/1/2008
January 2008	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	5.395	1/1/2008
January 2008	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	6.17	1/1/2008
January 2008	001	CBOD 5 day	30D Conc	10	10.95	1/1/2008
January 2008	001	Dissolved Oxygen	1D Conc	6.0	2.	1/2/2008
January 2008	001	Dissolved Oxygen	1D Conc	6.0	5.7	1/7/2008
January 2008	001	CBOD 5 day	7D Conc	15	17.	1/8/2008
January 2008	001	Total Suspended Solids	7D Conc	18	43.	1/15/2008
January 2008	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	4.62	1/15/2008
January 2008	001	CBOD 5 day	7D Conc	15	17.	1/15/2008
April 2008	001	Total Suspended Solids	30D Conc	12	14.75	4/1/2008
April 2008	001	Nitrogen, Ammonia (NH3)	30D Conc	3.0	18.255	4/1/2008
April 2008	001	Nitrogen, Ammonia (NH3)	30D Qty	0.284	.49126	4/1/2008
April 2008	001	Total Suspended Solids	7D Conc	18	32.	4/8/2008
April 2008	001	CBOD 5 day	7D Conc	15	27.	4/8/2008
April 2008	001	Nitrogen, Ammonia (NH3)	7D Conc	4.5	32.5	4/15/2008
April 2008	001	Nitrogen, Ammonia (NH3)	7D Qty	0.426	.86109	4/15/2008
April 2008	001	Total Suspended Solids	7D Qty	1.71	1.8168	4/22/2008
May 2008	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	6.11	5/1/2008
May 2008	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	6.51	5/1/2008
May 2008	001	Nitrogen, Ammonia (NH3)	30D Qty	0.0947	.1527	5/1/2008
May 2008	001	Nitrogen, Ammonia (NH3)	7D Qty	0.142	.17248	5/1/2008
May 2008	001	Dissolved Oxygen	1D Conc	6.0	4.3	5/6/2008
May 2008	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	3.64	5/8/2008
May 2008	001	Nitrogen, Ammonia (NH3)	7D Conc	1.5	8.18	5/15/2008
May 2008	001	Nitrogen, Ammonia (NH3)	7D Qty	0.142	.21673	5/15/2008
September 2008	001	Fecal Coliform	30D Conc	1000	1600.	9/1/2008
October 2008	001	Nitrogen, Ammonia (NH3)	30D Conc	1.0	1.08	10/1/2008
October 2008	001	Fecal Coliform	30D Conc	1000	7100.	10/1/2008
October 2008	001	Fecal Coliform	7D Conc	2000	7100.	10/1/2008
October 2008	001	pH	1D Conc	6.5	.6	10/5/2008

Monitoring/Reporting Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
September 2007	001	Water Temperature	1/Day	1	0	09/02/2007
September 2007	001	Water Temperature	1/Day	1	0	09/03/2007
September 2007	001	Water Temperature	1/Day	1	0	09/05/2007
September 2007	001	Color, Severity	1/Day	1	0	09/05/2007
September 2007	001	Odor, Severity	1/Day	1	0	09/05/2007
September 2007	001	Turbidity, Severity	1/Day	1	0	09/05/2007

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Monitoring/Reporting Violations

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
September 2007	001	Water Temperature	1/Day	1	0	09/06/2007
September 2007	001	Color, Severity	1/Day	1	0	09/06/2007
September 2007	001	Odor, Severity	1/Day	1	0	09/06/2007
September 2007	001	Turbidity, Severity	1/Day	1	0	09/06/2007
September 2007	001	Water Temperature	1/Day	1	0	09/07/2007
September 2007	001	Color, Severity	1/Day	1	0	09/07/2007
September 2007	001	Odor, Severity	1/Day	1	0	09/07/2007
September 2007	001	Turbidity, Severity	1/Day	1	0	09/07/2007
September 2007	001	Water Temperature	1/Day	1	0	09/08/2007
September 2007	001	Water Temperature	1/Day	1	0	09/09/2007
September 2007	001	Water Temperature	1/Day	1	0	09/10/2007
September 2007	001	Color, Severity	1/Day	1	0	09/10/2007
September 2007	001	Odor, Severity	1/Day	1	0	09/10/2007
September 2007	001	Turbidity, Severity	1/Day	1	0	09/10/2007
September 2007	001	Water Temperature	1/Day	1	0	09/12/2007
September 2007	001	Color, Severity	1/Day	1	0	09/12/2007
September 2007	001	Odor, Severity	1/Day	1	0	09/12/2007
September 2007	001	Turbidity, Severity	1/Day	1	0	09/12/2007
September 2007	001	Water Temperature	1/Day	1	0	09/13/2007
September 2007	001	Color, Severity	1/Day	1	0	09/13/2007
September 2007	001	Odor, Severity	1/Day	1	0	09/13/2007
September 2007	001	Turbidity, Severity	1/Day	1	0	09/13/2007
September 2007	001	Water Temperature	1/Day	1	0	09/14/2007
September 2007	001	Color, Severity	1/Day	1	0	09/14/2007
September 2007	001	Odor, Severity	1/Day	1	0	09/14/2007
September 2007	001	Turbidity, Severity	1/Day	1	0	09/14/2007
September 2007	001	Water Temperature	1/Day	1	0	09/16/2007
September 2007	001	Water Temperature	1/Day	1	0	09/17/2007
September 2007	001	Color, Severity	1/Day	1	0	09/17/2007
September 2007	001	Odor, Severity	1/Day	1	0	09/17/2007
September 2007	001	Turbidity, Severity	1/Day	1	0	09/17/2007
September 2007	001	Water Temperature	1/Day	1	0	09/19/2007
September 2007	001	Water Temperature	1/Day	1	0	09/20/2007
September 2007	001	Water Temperature	1/Day	1	0	09/22/2007
September 2007	001	Water Temperature	1/Day	1	0	09/23/2007
September 2007	001	Water Temperature	1/Day	1	0	09/24/2007
September 2007	001	Water Temperature	1/Day	1	0	09/26/2007
September 2007	001	Water Temperature	1/Day	1	0	09/27/2007
September 2007	001	Water Temperature	1/Day	1	0	09/28/2007
September 2007	001	Water Temperature	1/Day	1	0	09/30/2007
October 2007	001	Water Temperature	1/Day	1	0	10/01/2007
October 2007	001	Water Temperature	1/Day	1	0	10/03/2007

Monitoring/Reporting Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
October 2007	001	Water Temperature	1/Day	1	0	10/04/2007
October 2007	001	Water Temperature	1/Day	1	0	10/05/2007
October 2007	001	Water Temperature	1/Day	1	0	10/06/2007
October 2007	001	Water Temperature	1/Day	1	0	10/07/2007
October 2007	001	Water Temperature	1/Day	1	0	10/08/2007
October 2007	001	Water Temperature	1/Day	1	0	10/11/2007
October 2007	001	Water Temperature	1/Day	1	0	10/12/2007
October 2007	001	Water Temperature	1/Day	1	0	10/13/2007
October 2007	001	Water Temperature	1/Day	1	0	10/14/2007
October 2007	001	Water Temperature	1/Day	1	0	10/15/2007
October 2007	001	Water Temperature	1/Day	1	0	10/17/2007
October 2007	001	Water Temperature	1/Day	1	0	10/18/2007
October 2007	001	Water Temperature	1/Day	1	0	10/20/2007
October 2007	001	Water Temperature	1/Day	1	0	10/21/2007
October 2007	001	Water Temperature	1/Day	1	0	10/22/2007
October 2007	001	Water Temperature	1/Day	1	0	10/24/2007
October 2007	001	Water Temperature	1/Day	1	0	10/25/2007
October 2007	001	Water Temperature	1/Day	1	0	10/26/2007
October 2007	001	Water Temperature	1/Day	1	0	10/27/2007
October 2007	001	Water Temperature	1/Day	1	0	10/28/2007
October 2007	001	Water Temperature	1/Day	1	0	10/29/2007
October 2007	001	Water Temperature	1/Day	1	0	10/31/2007
November 2007	001	Water Temperature	1/Day	1	0	11/02/2007
November 2007	001	Water Temperature	1/Day	1	0	11/06/2007
November 2007	001	Water Temperature	1/Day	1	0	11/08/2007
November 2007	001	Water Temperature	1/Day	1	0	11/09/2007
November 2007	001	Water Temperature	1/Day	1	0	11/12/2007
November 2007	001	Water Temperature	1/Day	1	0	11/15/2007
November 2007	001	Water Temperature	1/Day	1	0	11/21/2007
November 2007	001	Water Temperature	1/Day	1	0	11/22/2007
November 2007	001	Water Temperature	1/Day	1	0	11/23/2007
November 2007	001	Water Temperature	1/Day	1	0	11/26/2007
November 2007	001	Water Temperature	1/Day	1	0	11/29/2007
November 2007	001	Water Temperature	1/Day	1	0	11/30/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/03/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/03/2007
December 2007	001	Water Temperature	1/Day	1	0	12/03/2007
December 2007	001	Color, Severity	1/Day	1	0	12/03/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/05/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/05/2007
December 2007	001	Water Temperature	1/Day	1	0	12/05/2007
December 2007	001	Color, Severity	1/Day	1	0	12/05/2007

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Monitoring/Reporting Violations

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
December 2007	001	Odor, Severity	1/Day	1	0	12/06/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/06/2007
December 2007	001	Water Temperature	1/Day	1	0	12/06/2007
December 2007	001	Color, Severity	1/Day	1	0	12/06/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/07/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/07/2007
December 2007	001	Water Temperature	1/Day	1	0	12/07/2007
December 2007	001	Color, Severity	1/Day	1	0	12/07/2007
December 2007	001	Dissolved Oxygen	1/Week	1	0	12/08/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/10/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/10/2007
December 2007	001	Water Temperature	1/Day	1	0	12/10/2007
December 2007	001	Color, Severity	1/Day	1	0	12/10/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/12/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/12/2007
December 2007	001	Water Temperature	1/Day	1	0	12/12/2007
December 2007	001	Color, Severity	1/Day	1	0	12/12/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/13/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/13/2007
December 2007	001	Water Temperature	1/Day	1	0	12/13/2007
December 2007	001	Color, Severity	1/Day	1	0	12/13/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/14/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/14/2007
December 2007	001	Water Temperature	1/Day	1	0	12/14/2007
December 2007	001	Color, Severity	1/Day	1	0	12/14/2007
December 2007	001	Dissolved Oxygen	1/Week	1	0	12/15/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/17/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/17/2007
December 2007	001	Water Temperature	1/Day	1	0	12/17/2007
December 2007	001	Color, Severity	1/Day	1	0	12/17/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/19/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/19/2007
December 2007	001	Water Temperature	1/Day	1	0	12/19/2007
December 2007	001	Color, Severity	1/Day	1	0	12/19/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/20/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/20/2007
December 2007	001	Water Temperature	1/Day	1	0	12/20/2007
December 2007	001	Color, Severity	1/Day	1	0	12/20/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/21/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/21/2007
December 2007	001	Water Temperature	1/Day	1	0	12/21/2007
December 2007	001	Color, Severity	1/Day	1	0	12/21/2007

Monitoring/Reporting Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
December 2007	001	Dissolved Oxygen	1/Week	1	0	12/22/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/24/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/24/2007
December 2007	001	Water Temperature	1/Day	1	0	12/24/2007
December 2007	001	Color, Severity	1/Day	1	0	12/24/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/25/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/25/2007
December 2007	001	Water Temperature	1/Day	1	0	12/25/2007
December 2007	001	Color, Severity	1/Day	1	0	12/25/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/27/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/27/2007
December 2007	001	Water Temperature	1/Day	1	0	12/27/2007
December 2007	001	Color, Severity	1/Day	1	0	12/27/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/28/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/28/2007
December 2007	001	Water Temperature	1/Day	1	0	12/28/2007
December 2007	001	Color, Severity	1/Day	1	0	12/28/2007
December 2007	001	Odor, Severity	1/Day	1	0	12/31/2007
December 2007	001	Turbidity, Severity	1/Day	1	0	12/31/2007
December 2007	001	Water Temperature	1/Day	1	0	12/31/2007
December 2007	001	Color, Severity	1/Day	1	0	12/31/2007
January 2008	001	Water Temperature	1/Day	1	0	01/01/2008
January 2008	001	Water Temperature	1/Day	1	0	01/03/2008
January 2008	001	Water Temperature	1/Day	1	0	01/04/2008
January 2008	001	Water Temperature	1/Day	1	0	01/05/2008
January 2008	001	Water Temperature	1/Day	1	0	01/06/2008
January 2008	001	Water Temperature	1/Day	1	0	01/07/2008
January 2008	001	Water Temperature	1/Day	1	0	01/09/2008
January 2008	001	Water Temperature	1/Day	1	0	01/11/2008
January 2008	001	Water Temperature	1/Day	1	0	01/12/2008
January 2008	001	Water Temperature	1/Day	1	0	01/13/2008
January 2008	001	Water Temperature	1/Day	1	0	01/14/2008
January 2008	001	Water Temperature	1/Day	1	0	01/16/2008
January 2008	001	Water Temperature	1/Day	1	0	01/17/2008
January 2008	001	Water Temperature	1/Day	1	0	01/19/2008
January 2008	001	Water Temperature	1/Day	1	0	01/20/2008
January 2008	001	Water Temperature	1/Day	1	0	01/21/2008
January 2008	001	Water Temperature	1/Day	1	0	01/23/2008
January 2008	001	Water Temperature	1/Day	1	0	01/24/2008
January 2008	001	Water Temperature	1/Day	1	0	01/25/2008
January 2008	001	Water Temperature	1/Day	1	0	01/26/2008
January 2008	001	Water Temperature	1/Day	1	0	01/27/2008

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Monitoring/Reporting Violations

Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
January 2008	001	Water Temperature	1/Day	1	0	01/29/2008
January 2008	001	Water Temperature	1/Day	1	0	01/30/2008
January 2008	001	Water Temperature	1/Day	1	0	01/31/2008
February 2008	001	Water Temperature	1/Day	1	0	02/06/2008
February 2008	001	Water Temperature	1/Day	1	0	02/07/2008
February 2008	001	Water Temperature	1/Day	1	0	02/08/2008
February 2008	001	Water Temperature	1/Day	1	0	02/11/2008
February 2008	001	Water Temperature	1/Day	1	0	02/13/2008
February 2008	001	Water Temperature	1/Day	1	0	02/14/2008
February 2008	001	Water Temperature	1/Day	1	0	02/15/2008
February 2008	001	Water Temperature	1/Day	1	0	02/18/2008
February 2008	001	Water Temperature	1/Day	1	0	02/20/2008
February 2008	001	Water Temperature	1/Day	1	0	02/24/2008
February 2008	001	Water Temperature	1/Day	1	0	02/25/2008
February 2008	001	Water Temperature	1/Day	1	0	02/27/2008
February 2008	001	Water Temperature	1/Day	1	0	02/28/2008
May 2008	001	Water Temperature	1/Day	1	0	05/02/2008
May 2008	001	Water Temperature	1/Day	1	0	05/05/2008
May 2008	001	Water Temperature	1/Day	1	0	05/08/2008
May 2008	001	Water Temperature	1/Day	1	0	05/14/2008
May 2008	001	Water Temperature	1/Day	1	0	05/15/2008
May 2008	001	Water Temperature	1/Day	1	0	05/19/2008
May 2008	001	Water Temperature	1/Day	1	0	05/21/2008
May 2008	001	Water Temperature	1/Day	1	0	05/22/2008
May 2008	001	Water Temperature	1/Day	1	0	05/28/2008
May 2008	001	Water Temperature	1/Day	1	0	05/30/2008
September 2008	001	Water Temperature	1/Day	1	0	09/01/2008
September 2008	001	Water Temperature	1/Day	1	0	09/03/2008
September 2008	001	Water Temperature	1/Day	1	0	09/04/2008
September 2008	001	Water Temperature	1/Day	1	0	09/05/2008
September 2008	001	Water Temperature	1/Day	1	0	09/06/2008
September 2008	001	Water Temperature	1/Day	1	0	09/07/2008
September 2008	001	Water Temperature	1/Day	1	0	09/08/2008
September 2008	001	Water Temperature	1/Day	1	0	09/10/2008
September 2008	001	Water Temperature	1/Day	1	0	09/11/2008
September 2008	001	Water Temperature	1/Day	1	0	09/12/2008
September 2008	001	Water Temperature	1/Day	1	0	09/14/2008
September 2008	001	Water Temperature	1/Day	1	0	09/15/2008
September 2008	001	Water Temperature	1/Day	1	0	09/16/2008
September 2008	001	Water Temperature	1/Day	1	0	09/18/2008
September 2008	001	Water Temperature	1/Day	1	0	09/19/2008
September 2008	001	Water Temperature	1/Day	1	0	09/20/2008

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Monitoring/Reporting Violations						
Reporting Period	Station	Parameter	Sample Frequency	Expected	Reported	Violation Date
September 2008	001	Water Temperature	1/Day	1	0	09/21/2008
September 2008	001	Water Temperature	1/Day	1	0	09/22/2008
September 2008	001	Water Temperature	1/Day	1	0	09/23/2008
September 2008	001	Water Temperature	1/Day	1	0	09/24/2008
September 2008	001	Water Temperature	1/Day	1	0	09/26/2008
September 2008	001	Water Temperature	1/Day	1	0	09/27/2008
September 2008	001	Water Temperature	1/Day	1	0	09/28/2008
September 2008	001	Water Temperature	1/Day	1	0	09/29/2008
September 2008	001	Water Temperature	1/Day	1	0	09/30/2008
October 2008	001	Water Temperature	1/Day	1	0	10/31/2008
October 2008	001	Color, Severity	1/Day	1	0	10/31/2008
October 2008	001	Odor, Severity	1/Day	1	0	10/31/2008
October 2008	001	Turbidity, Severity	1/Day	1	0	10/31/2008
October 2008	001	Flow Rate	1/Day	1	0	10/31/2008

In addition to the above, our review of the facility's data reporting procedures noted the following:

- We understand that Valley Environmental is currently submitting the electronic DMRs (eDMRs) for the facility. Pursuant to Part III, Item 28 of your NPDES permit, "all reports submitted to the Director shall be signed and certified in accordance with the requirements of 40 CFR 122.22". 40 CFR 122.22 (a) states that reports for corporations can only be signed and certified by a responsible corporate officer or by a duly authorized representative of said individual. Delegations of authority must be made in writing to the Director of Ohio EPA.

Ohio EPA has recently revised the electronic data reporting process, including the assignment of Personal Identification Numbers (PINs), to comply with new federal regulations. Information regarding this new process is available at:

<http://www.epa.state.oh.us/dsw/swims/eDMR/eDMR.html>

- Pursuant to the new recordkeeping requirements contained in Ohio Administrative Code (OAC) 3745-7-09, specific operation and maintenance records of the treatment system must now be kept on file at the facility. The complete Operator Certification rules are available online at <http://www.epa.state.oh.us/ddagw/oac.html>.

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Summary/Conclusion

Based on the inspection findings, the facility is considered to be in **significant noncompliance** with the terms and conditions of the NPDES permit.

Please be advised that failure to comply with the terms and conditions of your NPDES permit may be subject to enforcement actions pursuant to Chapter 6111 of the Ohio Revised Code. Such actions can result in fines of up to \$10,000 per day of violation. Please inform this office, in writing, within 10 days of receipt of this notification as to the actions taken or proposed to address the above violation and/or deficiencies. Your response **shall** include specific dates for completion of the actions. Please be advised that past or present issues of noncompliance can continue as subjects of future enforcement actions by Ohio EPA

Should you have any questions or comments regarding this letter, please contact this office.

Respectfully,



Ermelindo Gomes
Environmental Engineer
Division of Surface Water

EG/mt

cc: Richard Curl, Trumbull County Health Department